

## **ABSTRACT**

The present invention is directed to a cover assembly for an x-ray detector that incorporates impact-absorbing material designed to absorb the shock, vibration, stress, and strain placed on the detector when dropped or subjected to a load. The cover assembly may include a layer or inserts of impact-absorbing material. Bumpers of impact-absorbing material may also be secured to the x-ray detector cover. Viscoelastic foam or other plastics may be used as the impact-absorbing material.